

**WHAT IS CLAIMED IS:**

1. A circular stapler comprising:  
a detachable anvil;  
a head section coupled to the detachable the anvil and having a head  
5 section cover; and  
a cylindrical body which extends long and of which the top end is coupled  
to the head section,  
wherein a recessed portion is formed in a side surface of the cylindrical  
body positioned under the head section cover.
- 10 2. The circular stapler according to claim 1, wherein the head section cover  
has a circular plate shape.
3. The circular stapler according to claim 2, wherein the head section  
15 comprises:  
a cylindrical blade;  
a staple holder having a plurality of staple slots which surround the outer  
circumferential portion of the cylindrical blade, staples being provided inside the  
staple slots;  
20 a push member provided with a protruded portion inserted into the staple  
slots for pushing the staples; and  
a support positioned under the push member and having a circular plate-  
shaped top for pushing the push member.
- 25 4. The circular stapler according to claim 3, wherein the push member has  
a circular plate-shaped housing and the protruded portion is formed on the circular  
plate-shaped housing.
5. The circular stapler according to claim 3, wherein the push member is  
30 coupled integrally to the support.
6. The circular stapler according to claim 3, wherein the circular plate-  
shaped top is made of steel.

7. The circular stapler according to claim 1, wherein the thickness of the head section cover in a longitudinal direction of the cylindrical body is set to 15 through 18 mm.

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8. The circular stapler according to claim 1, wherein the cylindrical body has an arch shape.

9. The circular stapler according to claim 1, further comprising a detachable cap which is coupled and fixed to the recessed portion.

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10. The circular stapler according to claim 1, further comprising a shaft which passes through the head section and the cylindrical body and extends long, wherein the diameter of the shaft is set to 1.0 through 1.5 mm.

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11. The circular stapler according to claim 1, further comprising a trigger which is provided at a lower portion of the cylindrical body to oppose the recessed portion and which pushes the support.